



Sentinel 5.0 delivers a sweet 15% efficiency gain for major confectionery producer.

Joined-up-thinking in action.

Problem

Things were getting a bit sticky for a leading confectionery partner. Their existing monitoring system wasn't delivering the transparency, accuracy or insights they needed. Unknown efficiency levels, regular product build-up issues and unclear data were causing problems, reducing throughput and efficiency.

Solution

There was no time to lose. Sentinel 5.0 Production Monitoring was installed to cover the packaging area. Connecting all the multihead weighers and checkweighers on multiple lines – with 16 machines connected in total. Full technical training was provided to the client's IT team.

Results

Sentinel 5.0 Production Monitoring delivered the results. On one multihead line with a regular product build-up issue, Sentinel timeline data identified and resolved the issue, creating an efficiency gain of 15% - with the aim to double that to over 30%. Advanced data insights helped increase throughput from 30,000 cases per hour to 35,000 – working towards an overall aim of 40,000.

Outcome

Our partner now uses Sentinel 5.0 Production Monitoring extensively in their daily workflow and have mounted screens on the lines to show live data. This includes rejects, machine throughput, efficiencies and CCW weigh head utilisation charts – complete line performance at-a-glance. By analysing data insights in more depth, they are optimising performance across their whole site.

Key data

- ▶ 16 machines connected
- ▶ 15% efficiency gain – with the aim to double to 30%
- ▶ Increased throughput 30,000 cases per hour > 35,000